

ENERGY CONSERVATION PLAN GOAL ACHIEVEMENTS

September, October and November 2016

Submitted for January 1, 2017

UNIVERSITY CONTACT FOR RESOURCE EFFICIENCY PLAN

John Burke
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The University of Houston-Victoria has developed an energy savings program with goals to save energy to include electricity, natural gas, and gasoline. An Energy Conservation Plan is located on our website.

I. **Energy Conservation Plan**

Resource Efficiency Plan (facilities)

In accordance with 34 TAC §19.14, this university has prepared a Resource Efficiency Plan. This plan will be updated and supplemented to the extent necessary to respond to RP- 49.

- Few reductions in consumption of electricity are available as the university continues to grow and consists of new, more fully populated and more extensively used buildings. Electrical consumption increased by 7.624% this quarter compared to the same quarter last year. Usage level for September, October and November of FY16 was 1,459,020 KWH. Usage level for September, October and November of FY17 was 1,570,255 KWH.
In order to minimize electrical consumption in all owned, leased, and rented properties, we are pursuing these practices:
 - Continue to fund a comprehensive preventative maintenance program.
 - Chillers, heaters, and air handlers are shut down when buildings are not scheduled for occupancy.
 - Educate employees on consumption reducing practices.
 - Change out inefficient electrical consuming devices as we recognize they are inefficient
- Few reductions in consumption of natural gas are normally available as the university continues to grow and consists of new, more fully populated and more extensively used buildings. Natural gas consumption increased by 4.125% this quarter of FY17 compared to the same quarter in FY16. Usage level for September, October and November of FY17 was 4,486 CCF. Usage level for September, October and November of FY16 was 3,176 CCF.
In order to minimize natural gas consumption in all owned, leased, and rented properties, we are pursuing these practices:
 - Continue to fund a comprehensive preventative maintenance program for all gas appliances.
 - Cycle HVAC units off when buildings are not scheduled for occupancy.
 - Educate employees on consumption reducing practices.
 - Change out inefficient gas consuming devices as soon as possible.

Fleet Fuel Management Plan (vehicles)

- Reductions in fleet fuel consumption are not feasible at this time, also due to the growth of the university. Additional vehicles are being purchased, including shuttle buses for student transportation, and existing vehicles are being utilized more fully. Total consumption for all vehicles increased by 38.88% this quarter compared with the same quarter this time last year. Usage level for September, October and November of FY17 was 4,933.76 gallons consumed. Usage level for September, October and November of FY16 was 3,552.46 gallons consumed. In order to minimize fuel use in all vehicles and equipment, we have committed to:
 - Continue to fund a comprehensive preventative maintenance program
 - Plan vehicle usage for higher occupancy usage when applicable
 - Educate employees in efficient driving practices
 - Change out inefficient fuel consuming devices and vehicles as applicable
 - Fully utilize the State's Fleet Data Management System when applicable
 - Follow the agencies best practices, where feasible

I. Reporting Progress

Submitted January 12, 2017

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AND

Office of the Governor

P.O. Box 12428

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Legislative Budget Board

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ENERGY CONSERVATION PLAN GOAL ACHIEVEMENTS

December 2016, January and February 2017

Submitted for April 1, 2017

UNIVERSITY CONTACT FOR RESOURCE EFFICIENCY PLAN

John Burke

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The University of Houston-Victoria has developed an energy savings program with goals to save energy to include electricity, natural gas, and gasoline. An Energy Conservation Plan is located on our website.

II. Energy Conservation Plan

Resource Efficiency Plan (facilities)

In accordance with 34 TAC §19.14, this university has prepared a Resource Efficiency Plan. This plan will be updated and supplemented to the extent necessary to respond to RP- 49.

- Few reductions in consumption of electricity are usually available as the university continues to grow and consists of new, more fully populated and more extensively used buildings. However, electrical consumption decreased by 3.65% this quarter compared to the same quarter last year, most likely due to the mild winter weather in this region this year compared to last year. Usage level for December, January and February of FY16 was 1,579,385 KWH. Usage level for December, January and February of FY17 was 1,521,824 KWH.

In order to minimize electrical consumption in all owned, leased, and rented properties, we are pursuing these practices:

- Continue to fund a comprehensive preventative maintenance program.
- Chillers, heaters, and air handlers are shut down when buildings are not scheduled for occupancy.
- Educate employees on consumption reducing practices.
- Change out inefficient electrical consuming devices as we recognize they are inefficient

- Few reductions in consumption of natural gas are normally available as the university continues to grow and consists of new, more fully populated and more extensively used buildings. However, natural gas consumption decreased by 13.65% this quarter compared to the same quarter last year, most likely due to the mild winter weather in this region this year compared to last year. Usage level for December, January and February of FY16 was 9,185 CCF. Usage level for December, January and February of FY17 was 7,932 CCF.

In order to minimize natural gas consumption in all owned, leased, and rented properties, we are pursuing these practices:

- Continue to fund a comprehensive preventative maintenance program for all gas appliances.
- Cycle HVAC units off when buildings are not scheduled for occupancy.
- Educate employees on consumption reducing practices.
- Change out inefficient gas consuming devices as soon as possible.

Fleet Fuel Management Plan (vehicles)

- Reductions in fleet fuel consumption are not feasible at this time, also due to the growth of the university. Additional vehicles are being purchased, including shuttle buses for student

transportation, and existing vehicles are being utilized more fully. Total consumption for all vehicles increased by 8.47% this quarter compared with the same quarter this time last year. Consumption for December, January and February of FY16 was 2,529.18 gallons. Consumption for December, January and February of FY17 was 2,743.18 gallons.

In order to minimize fuel use in all vehicles and equipment, we have committed to:

- Continue to fund a comprehensive preventative maintenance program
- Plan vehicle usage for higher occupancy usage when applicable
- Educate employees in efficient driving practices
- Change out inefficient fuel consuming devices and vehicles as applicable
- Fully utilize the State's Fleet Data Management System when applicable
- Follow the agencies best practices, where feasible

II. Reporting Progress

Submitted March 22, 2017

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ENERGY CONSERVATION PLAN GOAL ACHIEVEMENTS

June, July and August 2017

Submitted for October 1, 2017

UNIVERSITY CONTACT FOR RESOURCE EFFICIENCY PLAN

John Burke

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The University of Houston-Victoria has developed an energy savings program with goals to save energy to include electricity, natural gas, and gasoline. An Energy Conservation Plan is located on our website.

III. Energy Conservation Plan

Resource Efficiency Plan (facilities)

In accordance with 34 TAC §19.14, this university has prepared a Resource Efficiency Plan. This plan will be updated and supplemented to the extent necessary to respond to RP- 49.

- Few significant reductions in consumption of electricity are available as the university continues to grow and consists of new, more fully populated and more extensively used buildings. Electrical consumption did decrease by 0.41% this quarter compared to the same quarter last year. Usage level for June, July and August of FY16 was 1,557,924 KWH. Usage level for June, July and August of FY17 was 1,551,528 KWH.
In order to minimize electrical consumption in all owned, leased, and rented properties, we are pursuing these practices:
 - Continue to fund a comprehensive preventative maintenance program.
 - Chillers, heaters, and air handlers are shut down when buildings are not scheduled for occupancy.
 - Educate employees on consumption reducing practices.
 - Change out inefficient electrical consuming devices as we recognize they are inefficient
- Natural gas consumption decreased by 12.78% this quarter compared to the same quarter last year. Usage level for June, July and August of FY16 was 4,172 CCF. Usage level for June, July and August of FY17 was 3,639 CCF.
In order to minimize natural gas consumption in all owned, leased, and rented properties, we are pursuing these practices:
 - Continue to fund a comprehensive preventative maintenance program for all gas appliances.
 - Cycle HVAC units off when buildings are not scheduled for occupancy.
 - Educate employees on consumption reducing practices.
 - Change out inefficient gas consuming devices as soon as possible.

Fleet Fuel Management Plan (vehicles)

- Reductions in fleet fuel consumption are generally not feasible at this time, also due to the growth of the university, as additional vehicles are being purchased and existing vehicles are being utilized more fully. However, total consumption for all vehicles decreased by 2.53% this quarter compared with the same quarter this time last year. This decrease can be directly attributed to Hurricane Harvey causing the university to close for 6 days and the delay of 2 weeks for student move in and the start of classes. Consumption for June, July and August of FY16 was 2,001.29 gallons. Consumption for June, July and August of FY17 was 1,950.69 gallons. In order to minimize fuel use in all vehicles and equipment, we have committed to:
 - Continue to fund a comprehensive preventative maintenance program
 - Plan vehicle usage for higher occupancy usage when applicable
 - Educate employees in efficient driving practices
 - Change out inefficient fuel consuming devices and vehicles as applicable
 - Fully utilize the State's Fleet Data Management System when applicable
 - Follow the agencies best practices, where feasible

III. Reporting Progress

Submitted October 2, 2017

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